



Substitution for form 1449A/08 INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Complete if Known	
Sheet	1	of	11	Application Number	10/660,857
				Filing Date	September 12, 2003
				First Named Inventor	PHAN, LOC X.
				Art Unit	3732
				Examiner Name	Unassigned
				Attorney Docket Number	018563-001140US

U.S. PATENT DOCUMENTS+					
Examiner Initials*	Cite No. ¹	Document Number Number Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
OC	1	3,407,500	10-29-1968	Kesling	
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	33	5,725,378	03-10-1998	Wang	
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	41	5,879,158	03-09-1999	Doyle et al.	

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		Number	Kind Code ² (if known)			
OC	42	5,880,961		03-09-1999	Crump	
	43	5,880,962		03-09-1999	Andersson et al.	
	44	5,934,288		08-10-1999	Avila et al.	
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	46	6,015,289		01-18-2000	Andreiko et al.	
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	60	6,350,120		02-26-2002	Sachdeva et.al.	
	61	6,398,548		06-04-2002	Muhammad et al.	
	62	6,524,101		02-25-2003	Phan et al.	
	63	6,554,611		04-29-2003	Chishti et al.	
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		Country Code ³	Number ⁴			
OC	66	AU	517102	07-09-1981	Hito Suyehiro	<input type="checkbox"/>
	67	AU	3031677	05-10-1979	Hito Suyehiro	<input type="checkbox"/>
	68	AU	5598894	06-08-1994	Ormco Corp	<input type="checkbox"/>
	69	CA	1121955	04-20-1982	Suyehiro Hito	<input type="checkbox"/>
	70	DE	2749802	05-11-1978	Suyehiro Hito	<input checked="" type="checkbox"/>
	71	DE	69327661	07-20-2000	Ormco Corp	<input checked="" type="checkbox"/>
	72	EP	0091876	10-19-1983	Duret	<input checked="" type="checkbox"/>
	73	EP	0299490	01-18-1989	Steinbichler	<input checked="" type="checkbox"/>
	74	EP	0376873	07-04-1990	Shafir	<input type="checkbox"/>
OC	75	EP	0490848	06-17-1992	Nobelpharma AB.	<input type="checkbox"/>

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60561019 v1

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OC	76	EP	0541500	05-12-1993	Nobelpharma AB		<input type="checkbox"/>
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	78	EP	0774933	05-28-1997	Sandvik AB		<input type="checkbox"/>
	79	EP	0731673	09-18-1996	Nobel Biocare AB		<input type="checkbox"/>
	80	ES	463897	01-01-1980	Hito Suyehiro		<input type="checkbox"/>
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	82	FR	2652256	03-29-1991	Jourda		<input checked="" type="checkbox"/>
	83	GB	1550777	08-22-1979	Hito Suyehiro		<input type="checkbox"/>
	84	JP	04-028359	01-30-1992	Mitsubishi Petrochemical Co		<input checked="" type="checkbox"/>
	85	JP	53-058191	05-25-1978	Yoshii		<input checked="" type="checkbox"/>
	86	JP	08-508174	09-03-1996	Ormco Corp		<input checked="" type="checkbox"/>
	87	WO	90/08512	08-09-1990	Dolphin Imaging System		<input type="checkbox"/>
	88	WO	91/04713	04-18-1991	Jourda et.al.		<input type="checkbox"/>
	89	WO	94/10935	05-26-1994	Ormco Corp		<input type="checkbox"/>
▼	90	WO	98/32394	07-30-1998	Hultgren Bruce Willard		<input type="checkbox"/>
OC	91	WO	98/44865	10-15-1998	Nobel Biocare AB		<input type="checkbox"/>

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NON PATENT LITERATURE DOCUMENTS				
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OC	92	ALEXANDER et al., The DigiGraph Work Station Part 2, Clinical Management, JCO (July 1990), pp. 402-407.		
	93	ALTSCHULER et al, Measuring Surfaces Space-Coded by a Laser-Projected Dot Matrix, SPIE Imaging Applications for Automated Industrial Inspection and Assembly, Vol. 182 (1979), p. 187-191.		
	94	ALTSCHULER et al., "Analysis of 3-D Data for Comparative 3-D Serial Growth Pattern Studies of Oral-Facial Structures," IADR Abstracts, Program and Abstracts of Papers, 57th General Session, IADR Annual Session, March 29, 1979 - April 1, 1979, New Orleans Marriot, <i>Journal of Dental Research</i> , Vol. 58, January, 1979, Special Issue A, p. 221.		
	95	ALTSCHULER et al., Laser Electro-Optic System for Rapid Three-Dimensional (3D) Topographic Mapping of Surfaces, <i>Optical Engineering</i> , Vol. 20, No. 6, (1981), pp. 953-961.		
	96	ALTSCHULER, 3D Mapping of Maxillo-Facial Prostheses, AADR Abstract #607, 1980, 2 pages total..		
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	98	ANDERSSON et al., Clinical Results with Titanium Crowns Fabricated with Machine Duplication and Spark Erosion, <i>Acta Odontologica Scandinavia</i> , Vol. 47 (1989), pp. 279-286.		
	99	ANDREWS, <i>The Six Keys to Optimal Occlusion Straight Wire</i> , Chapter 3, pp 13-24.		
	100	BAUMRIND et al., A Stereophotogrammetric System for the Detection of Prostheses Loosening in Total Hip Arthroplasty, NATO Symposium on Applications of Human Biostereometrics, July 9-13, 1978, SPIE, Vol. 166, pp. 112-123.		
	101	BAUMRIND et al., Mapping the Skull in 3-D, Reprinted from The Journal, California Dental Association, Vol. 48, No. 2 (1972 Fall Issue) 11 pages total.		
	102	BAUMRIND, "A System for Craniofacial Mapping Through the Integration of Data from Stereo X-Ray Films and Stereo Photographs," An invited paper submitted to the 1975 American Society of Photogram. Symposium on Close-Range Photogram. Systems, University of Ill., Aug. 26-30, 1975, pp. pp.142-166.		
▼	103	BAUMRIND, Integrated Three-Dimensional Craniofacial Mapping: Background, Principles, and Perspectives, <i>Seminars in Orthodontics</i> , Vol. 7, No. 4 (Dec. 2001), pp. 223-232.		
OC	104	BEGOLE et al., A Computer System for the Analysis of Dental Casts, <i>The Angle Orthodontist</i> , Vol. 51 No. 3 (July 1981), pp. 253-259.		

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OC	105	BERNARD et al., " Computerized Diagnosis in Orthodontics for Epidemiological Studies: A Progress Report, Paper presented at International Association for Dental Research 66th General Session, March 9-13, 1988, Montreal, Canada. The abstract is published in <i>J Dental Res Special Issue</i> Vol. 67, p. 169.			
	106	BHATIA et al, A Computer-Aided Design for Orthognathic Surgery, <i>British Journal of Oral and Maxillofacial Surgery</i> , Vol. 22 (1984), pp. 237-253.			
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	113	BURSTONE (interview), Dr. Charles J. Burstone on The Uses of the Computer in Orthodontic Practice (Part 1), <i>Journal of Clinical Orthodontics</i> , (1979 Jul), Vol. 13. No. 7, pp. 442-53.			
	114	BURSTONE (interview), Dr. Charles J. Burstone on The Uses of the Computer in Orthodontic Practice (Part 2), <i>Journal of Clinical Orthodontics</i> , (1979 Aug), Vol. 13, No. 8, pp. 539-51.			
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OC	118	CHAFETZ et al., Subsidence of the Femoral Prosthesis, A Stereophotogrammetric Evaluation, <i>Clinical Orthopedics and Related Research</i> , No. 201 (December 1985), pp. 60-67.			

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OC	119	CRAWFORD, CAD/CAM in the Dental Office: Does It Work? <i>Canadian Dental Journal</i> , Vol. 57, No. 2 (Feb. 1991), pp. 121-123.		
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	124	DCS Dental AG, The CAD/CAM 'DCS Titan System' for Production of Crowns/Bridges, DSC Production AG, Jan. 1992, pp. 1-7.		
	125	DEFRANCO et al., Three-Dimensional Large Displacement Analysis of Orthodontic Appliances, <i>J. Biomechanics</i> , Vol. 9 (1976), pp. 793-801.		
	126	DENTAL INSTITUTE UNIVERSITY OF ZURICH SWITZERLAND, Program for International Symposium on Computer Restorations: State of the Art of the CEREC-Method, May 1991, 2 pages total.		
	127	DENTRAC CORPORATION, Dentrac document, pp. 4-13.		
	128	DENT-X posted at http://www.dent-x.com/DentSim.htm 09/24/98, 6 pages total.		
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	131	DURET et al., CAD/CAM Imaging in Dentistry, <i>Current Opinion in Dentistry</i> , Vol. 1 (1991), pp. 150-154.		
↓	132	DURET, The Dental CAD/CAM, General Description of the Project, <i>Hennson International Product Brochure</i> , Jan. 1986., 18 pages total.		
OC	133	DURET, Vers Une Prothese Informatisee, (English translation also attached), <i>Tonus</i> , Vol. 75, (Nov. 15, 1985), pp. 55-57.		

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OC	134	ECONOMIDES, The Microcomputer in the Orthodontic Office, JCO, (Nov. 1979), pp. 767-772.			
	135	ELSASSER, Some Observations on the History and Uses of the Kesling Positioner, Am. J. Orthod. (1950) 36:368-374.			
	136	FABER et al., Computerized interactive orthodontic treatment planning, Am. J. Orthod., Vol. 73, No. 1 (Jan. 1978), pp. 3646.			
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	138	FRIEDE et al., Accuracy of Cephalometric Prediction in Orthognathic Surgery, Abstract of Papers, Journal of Dental Research, Vol. 70 (1987), pp. 754-760.			
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	142	GRAYSON, New Methods for Three Dimensional Analysis of Craniofacial Deformity, Symposium: Computerized Facial Imaging in Oral and Maxillofacial Surgery, AAOMS Sept 13, 1990, 3 pages total.			
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OC	148	JCO Interviews, Craig Andreiko , DDS, MS on the Elan and Orthos Systems, JCO, (Aug. 1994), pp. 459-468.			

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